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No. 44] NEW DELHI, SATURDAY, OCTOBER 31, 1987 (KARTIKA 9, 1909)

इस भाग में निम्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।

[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—कन्व

[PART III—SECTION 2]

संवेदित कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस]

[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

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Calcutta, the 31st October 1987

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1—307 GI/87

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CORRIGENDUM

1. In the Gazette of India, Part III, Section 2, dated August 1, 1987 under the heading 'Application for Patents filed in the Patent Office Branch Bombay-13 on page No. 869
 - (i) in respect of Patent Application No. 154/BOM/87 in the name of applicant for 'THMURASP RUS-TOMJI DALAL read as TEHMURASP ROSTUMJI DALAL.'
- 2a. In the Gazette of India, Part III, Section 2, dated August 8, 1987 under the heading 'Application' for Patents filed at Patent Office Branch, Bombay-13, on page 904.
 - (i) In respect of 178 BOM/87, the title of Invention for "PRESERVATION OF MILK, PARTEURED MILK, WHFYLFERMENTED AT MILK PRODUCTS AT ROOM TEMP. LOW TEMP. USING HRP, H_2O_2 & ACTIVATORS OF LP" read as "PRESERVATION OF MILK PARTEURIZED MILK, WHEY & FERMENTED MILK PRODUCTS AT ROOM TEMP. LOW TEMP. USING HRP, H_2O_2 & ACTIVATORS IN LP".
- 2b. In the Gazette of India, Pat III, Section 2, dated August 8, 1987 under the heading of "Complete Specification Accepted" on page 927 and 928.
 - (i) In respect of Patent No. 160860 (213/BOM/84) for Applicant & Inventor read as 'NARENDRA SHETH, INDIAN NATIONAL OF NAWAZ COURT, 3rd FLOOR, 128-C F, AUGUST KRANTI MARG, BOMBAY-400 036, MAHARASHTRA, INDIA'.
 - (ii) In respect of Patent No. 160865 (248/BOM/85) the name of the third applicant for 'DR. MANDURI' read as 'DR. NANDURI'.

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE, 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20

The date shown in the crescent brackets are the dates claimed under Section 135, of the Patents Act, 1970.

The 23rd September 1987

- 755/Cal/87. Kievsky Meditsinsky Institut Imeni Akademika A.A. Bogomoltsa. Method of preparing dense nutrient medium for cultivating microorganisms.
- 756/Cal/87. Emory University a (Georgia non-profit corporation). Method of preparation of a vaccine.
The 24th September 1987
- 757/Cal/87. Mercedes Textiles Limited. Method for continuously extruding an elastomeric material on the interior of a continuous tubular woven fabric in a loom.
(25th September 1986). Canada.
- 758/Cal/87. Magnetics Research International Corporation. Full flux reversal variable reluctance machine.
- 759/Cal/87. Moskovsky Gorny Institut. Power drive of the working element of an industrial machine.
- 760/Cal/87 Moskovskoe Nauchno-Proizvodstvennoe Obiednenie Po Mekhanizirovannomu Stroitelnomu Instrumentu I Otdelo Chnym Mashinam (NPO "Vniismi"). Grinding of floating tool for surface treatment.
- 761/Cal/87. Moskovskoe Nauchno-Proizvodstvennoe Obiednenie Po Mekhanizirovannomu Stroitelnomu Instrumentu I Otdelo Chnym Mashinam. Working member for a floating tool.
- 762/Cal/87. American Sterilizer Company. Method of decontaminating surfaces on or near living eukaryotic cells with vapor phase hydrogen peroxide.

ALTERATION OF DATE

- 161759 Ante dated to 24th March, 1982.
(810/Cal/85)
- 161260 Ante dated to 2nd January, 1983.
(819/Cal/85)

COMPLETE SPECIFICATION ACCEPTED

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A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

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CLASS : 31-C & 186-D

161241

Int. Cl. H 011 15/00.

PHOTOVOLTAIC DEVICE INCORPORATING IMPROVED BACK REFLECTOR MEANS.

Applicant : ENERGY CONVERSION DEVICES, INC., OF 1675 WEST MAPLE ROAD, TROY, MICHIGAN-48084, UNITED STATES OF AMERICA.

Inventors : 1. VINCENT CANNELLA, 2. DAVID DEAN ALLRED. 3. RALPH MOHR.

Application No. 211/Cal/83 filed February 22, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

18 Claims

A photovoltaic device having improved back reflection ability which comprises :

a substrate, back reflector means provided on said substrate, said back reflector means comprising a first layer formed from a transparent conductor material such as herein described and a second layer formed from a highly reflective material such as herein described;

said second layer lying between said first layer and said substrate;

at least one active region formed from semiconductor material provided on said back reflector means on which active region radiation is adapted to impinge to produce charge carriers; and

an electrode grid connected to said active region.

Compl. specn. 41 pages.

Fig. 2 sheets

CLASS : 129-G; 153

161242

Int. Cl. : B 24 b 33/08, 33/10.

IMPROVED HONING HEAD CONSTRUCTION.

Applicant : SUNNEN PRODUCTS COMPANY, OF 7910 MANCHESTER AVENUE, ST. LOUIS, MISSOURI 63143, U. S. A.

Inventors : 1. ROBERT MILLER SUNNEN, 2. MOR-TON BERN ESTES.

Application No. 610/Cal/83 filed May 16, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

18 Claims

A honing mandrel comprising :

a body portion having a bore extending therethrough;
a pinion gear mounted for rotational movement in the bore;

at least four sets of spaced transverse body bores, the bore in each set extending through the body in positions to intersect the bore in which the pinion gear is located at spaced locations therealong;

said four sets of transverse bores being arranged in first and second angularly related opposed sets on the body portion;

a pair of opposed honing assemblies each comprising an elongated member having opposite surfaces;

as set of rack gears extending from one of the opposite surface on each honing assembly at locations for positioning in the respective bore sets of the first opposed sets whereby the honing assemblies are arranged in opposed relation on opposite sides of the body portion,

each of said rack gears having rack gear teeth thereon for engaging the pinion gear;

at least two circumferentially spaced honing members mounted on the other opposite surfaces of each elongated member to engage a work surface at circumferentially spaced locations thereon;

a pair of opposed guide assemblies each comprising an elongated support member having opposite surfaces;

a set of rack gears extending from one of the opposite surfaces of each support member at locations for positioning in the respective bore sets of the second opposed sets whereby the guide assemblies are arranged in opposed relation on opposite sides of the body portion at locations intermediate circumferentially between the honing assemblies;

each of said rack gears on the guide assemblies having rack gear teeth thereon engageable with the pinion gear, and a work engaging guide member mounted on the opposite surface of each elongated support member;

wherein the mandrel construction comprises two diametrically opposed honing assemblies each having a pair of circumferentially spaced stones mounted thereon, and two diametrically opposed guide assemblies positioned circumferentially between the stone assemblies;

each guide assembly having a single work engaging member mounted thereon;

all four assemblies being driven by the same pinion gears.

Compl. Specn. 25 pages.

Drg. 2 sheets

CLASS : 39-C

161243

Int. Cl. : C 01 c 1/04.

TEMPERATURE CONTROLLED PROCESS FOR THE SYNTHESIS OF AMMONIA.

Applicant : C.F. BRAUN & CO., OF 1000 SOUTH FREMONT AVENUE, ALHAMBRA, CALIFORNIA 91802, U.S.A.

Inventor : 1. BERNARD JOHN GROTZ, JR.

Application No. 1167/Cal/83 filed September 23, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims

A temperature controlled process for the synthesis of ammonia carried out at a pressure greater than 100 atmospheres which process comprises passing a mixture of hydrogen and nitrogen in continuous flow through apparatus as to carry out the following steps :

(a) passing at least a portion of an ammonia feed syngas comprising hydrogen and nitrogen through a heat exchanger to increase its temperature;

(b) passing said feed syngas from (a) through a first ammonia synthesis catalyst bed to obtain an effluent;

(c) passing at least a portion of the effluent from (b) through the heat exchanger of (a) to decrease the temperature of said effluent thereby controlling the temperature of the feed syngas from the first catalyst bed by means of heat exchange with the feed syngas of the first syngesis bed;

(d) passing the effluent from (c) through a series of at least two additional ammonia synthesis catalyst beds, 20 in series, each followed by a high pressure steam generator and then passing subsequent to each bed through a high temperature heat sink to decrease the temperature of the effluent and controlling the temperature of effluent from all subsequent catalyst beds in series by means of the high pressure steam generator in series with the effluent thereby the heat exchange being made between a portion of the effluent and a portion of the feed syngas to obtain a final product effluent optionally the heat exchange and steam generation units are controlled by a bypass system;

(e) recovering ammonia from the final product effluent of the series in (d).

Compl. specn. 14 pages.

Drg. 1 sheet

CLASS : 101-F

161244

Int. Cl. : B 63 c 1 00.

A DEVICE OR SYSTEM FOR SHORING A SHIP IN A DOCK BY MEANS OF SPECIFIC BILGE SHORES.

Applicant : VEROIME BOTLEK B.V., OF PROF. GER-BRANDYWEG 25, 3197 KK ROTTERDAM-BOTLEK, THE NETHERLANDS.

Inventor : 1. GERT SIEM BROUWER.

Application No. 497/Cal/84 filed July 10, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

A device or system for shoring a ship in a dock by means of keel blocks and bilge shores adjustable in height and placed on either side of said keel blocks, characterized in that the bilge shores (3) adjustable in height have resilient construction (7; 15; 23) for causing said bilge shores in initial position to project above the keel blocks (2) while the ship to be docked first touches the bilge shores, comprising the same subsequently until the weight of the ship is taken up by the keel blocks, while the compressed bilge shores, due to the spring pressure thereof, substantially resist a lateral movement (5) of the ship resting on the keel blocks.

Compl. specn. 1 pages.

Drgs. 2 sheets

CLASS : 141-A

161245

Int. Cl. : C 21 b 1/18; C 22 b 1/20.

PROCESS OF PREPARING HARD-BURNED IRON ORE PELLETS ON A TRAVELLING GRATE.

Applicant : METALLGESELLSCHAFT A.G., OF 16 FRANKFURT A.M. REUTERWEG, WEST GERMANY.

Inventor : 1. KARL HEINZ BOSS.

Application No. 529/Cal/84 filed July 25, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A process of preparing hard-burnt iron ore pellets on a travelling grate under oxidizing conditions by treating iron ore pellets with hot gases at a temperature of 1200–1350°C, wherein part of the heat required for hard-burning is supplied by carbonaceous solids incorporated in the pellets, characterized in that the carbonaceous solids incorporated in the pellets contain C_{fix} in excess of upto 50% of the quantity which is stoichiometrically required to reduce hematite to magnetite and, in addition, in excess of upto 50% of the quantity required to decompose heat-consuming fluxes, or in excess of upto 50% of the quantity required to decompose heat-consuming fluxes, and that hot gases under a pressure of 5 to 20 millibars below atmospheric pressure are passed through the pellet bed in the burning zone of the travelling grate.

Compl. specn. 16 pages.

Drg. Nil

CLASS : 145-D

161246

Int. Cl. : D 21 f 7/00.

A WINDER FOR CONTINUOUSLY WINDING A TRAVELLING WEB ONTO A ROLL.

Applicant : BELOIT CORPORATION, OF P.O. BOX 350, BELOIT WISCONSIN 53511, UNITED STATES OF AMERICA.

Inventors : 1. KENNETH GORDON FRYE, 2. MICHAEL LEO GILL.

Application No. 608/Cal/84 filed September 3, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

16 Claims

A winder for continuously winding a travelling web onto a roll comprising in combination :

first and second parallel horizontal drums defining a winding nest therebetween for supporting a rotating roll being wound;

at least one of said drums having circumferential outer surface layer formed of an elastomeric material having substantially nonextensible cords embedded in the material with the circumference of the drum remaining constant due to the non-extensibility of the cords;

said material deforming to provide surface area contact with the roll being wound and accommodating irregularities in the surface of the roll along the length thereof maintaining surface area contact along the length of the roll;

and means for rotating the roll to wind the web thereon, and;

wherein the outer surface layer surrounds an inflatable fluid chamber to provide a resilient backing for the surface layer in its support of the roll.

Compl. specn. 15 pages.

Drg. 1 sheet

CLASS : 63-D

161247

Int. Cl. : H 02 k 5/00.

DYNAMOELECTRIC MACHINES.

Applicant : WESTINGHOUSE ELECTRIC CORPORATION, OF WESTINGHOUSE BUILDING, GATEWAY CENTRE, PITTSBURGH, PENNSYLVANIA 15222, United States of America.

Inventors : 1. BENJAMIN TODD HUMPHRIES, 2. ANDREW JAMES SPISAK.

Application No. 203/Cal/85 filed March 18, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

A dynamoelectric machine comprising a stator with a core and stator winding, said core having a substantially cylindrical bore, a rotor shaft mounted for rotation within said bore of said stator, said stator winding including portions within slots in said core and end winding portions extending in the axial direction from each end face of said core, a support assembly for said end winding portions comprising means for restraining said end winding portions against excessive motion in

radial and axial directions, said means for restraining comprising a brace and a bracket located radially outside each of a plurality of said end winding portions said brace comprising a member extending radially outside said end winding portion and supported supported to bear against said end winding portion, said bracket having a core mounting fixedly secured to said core and a brace mounting fixedly secured to said brace, said bracket also having one or more resilient elements for allowing relative movement between said core mounting and said brace mounting in the axial direction.

Compl. specn. 10 pages.

Drg. 1 sheet

CLASS : 64-B₁

161248

Int. Cl. : H 01 r 15.00.

SINGLE-POLE PLUG-TYPE CONNECTOR FOR SINGLE CORE SHIELDED ELECTRICAL CABLE.

Applicant : SIEMENS AKTIENGESELLSCHAFT, OF BERLIN AND MUNICH, WEST GERMANY.

Inventors : 1. KIAUS DUSSEL, 2. WERNER ORLOWSKI, 3. GERHARD OTT, 4. HANS TOCZELOWSKI.

Application No. 207/Cal/85 filed March 20, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

A single-pole plug-type connector which is arranged at one end of a single-core shielded electrical cable, said cable comprising a conductor, electrical insulation on the conductor, a shield of wires on said insulation, and a cable sheath on said shield, said plug-type connector comprising an insulating body of elastomeric material which is push-fitted into the cable end, and there being provided a connecting line for said sheath of wires which is coupled with the connector in which :

the cable sheath is cutback so as to leave a projecting end portion of the insulation which is surrounded by the insulating body;

the insulating body fits flexibly on said projecting end portion of the insulation;

the shield of wires is turned back within the insulating body, so as to form a turned-back portion which overlies the cut-back end portion of the cable sheath, ready for a reverse direction connection to said connecting line;

a sealing collar is fitted on said turned-back portion of the shield of wires;

a resilient cap is arranged, at the junction between the cable and the insulating body, so as to form a resilient seal for the connector;

two hollow finger-like projections are provided on said resilient cap through which extend the cable and the connecting line in resilient sealed manner, as they pass to the connector; and

a clip is arranged to clamp the cable and the connecting line in said finger-like projections.

Compl. specn. 10 pages.

Drg. 1 sheet

CLASS : 29-A; 69-0

161249

Int. Cl. : G 06 c 7/02.

SWITCH ELEMENT RESTING ON THREE POINTS.

Applicant : ELEKTRONIKUS MEROKESZOLEKEK GYARA, OF BUDAPEST XVI, (SASHALOM) CZIRAKY U. 26 32, HUNGARY.

Inventors : 1. ISTVAN KISS; 2. MIHALY RAUCSIK; 3. PAL TOTTH.

Application No. 228/Cal/85 filed March 28, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

A switch element resting on three points comprising :

a metal spring plate provided with an impressed contact in its central portion and a fixed contact plate arranged against to said spring plate;

where said fixed contact plate is provided with a fixed central contact and three galvanically coupled contacts on the flange portion thereof;

said fixed contacts supporting said spring plate;

characterised in that said metal spring plate having a calotte form, where the height of the calotte is equal to 0.30 to 0.36% of its radius;

that said spring plate is also provided with three impressed contacts of colatte form on the flange portion thereof to make contact with corresponding fixed contacts on the flange portion of fixed contact plate;

said impressed contacts on the flange portion are spaced in equal angular distances, have a radius of 0.5 mm and a depth of 10 to 20% of said radius;

said fixed contacts on the flange portion of said fixed contact plate form a preferably continuous circular ring.

Compl. specn. 8 pages.

Drg. 2 sheets

CLASS : 68-C

161250

Int. Cl. : H02 m 1/00.

A VARIABLE SPEED ELECTRO-PNEUMATIC CONVERTER.

Applicant : THE BABCOCK & WILCOX COMPANY, OF 1010, COMMON STREET, P.O. BOX 60035, NEW ORLEANS, LOUISIANA 70160, UNITED STATES OF AMERICA.

Inventors : 1. JOHN WALTER ROBERTSON JR. 2. JANE ELLEN SMITH.

Application No. 241/Cal/85 filed March 30, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A variable speed electro-pneumatic converter comprising :

a reversible DC servo motor having a first terminal and a second terminal for receiving electrical power, and a shaft which is rotatable in two opposite directions;

pneumatic means cooperating with said shaft for supplying gas at a pressure which is proportional to the rotation of said shaft;

a pressure raising line connected to said first terminal;

a pressure lowering line connected to said second terminal;

an electric power supply having a common terminal and a power terminal at a voltage different from said common terminal;

switch means selectively connecting said common terminal to one of said pressure raising and pressure lowering lines;

a first resistor in said pressure raising line;

a second resistor in said pressure lowering line;

a line terminal connected between said pressure raising and pressure lowering lines on a side of said first and second resistors opposite from said first and second motor terminals; and

variable resistor means connected between said line terminal and said power terminal for applying a selected resistance between said power terminal and line terminal to drive said motor shaft in one direction with one of said pressure raising and pressure lowering line connected to said common terminal and in an opposite direction with the other of said pressure raising and pressure lowering lines connected to said common terminal.

Compl. specn. 13 pages.

Drg. 3 sheets

CLASS : 40-A; 88-E & 139-D

161251

Int. Cl. : C01 b 1/18; C10 g 11/00;
35/04 & 35/08.

AUTOTHERMAL REFORMING AND PROCESSES UTILIZING THE SAME.

Applicant : ENGELHARD CORPORATION, 70 WOOD AVENUE SOUTH, ISELIN, NEW JERSEY, UNITED STATES OF AMERICA.

Inventors : 1. RONALD M. HECK, 2. PAUL FLANAGAN, 3. WILLIAM T. McSHEA III, 4. ROBERT M. YARRINGTON, 5. WILLIAM BUCHANAN.

Application No. 1083/Cal/83 dated September 5, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims

A process for producing a hydrogen-rich gas by preheating an inlet stream comprising a hydrocarbonaceous feed, H₂O and an oxygen-containing oxidant gas to a preheat temperature at least to initiate catalytic oxidation of said hydrocarbonaceous feed, and introducing the preheated inlet stream into a first catalyst zone to carry out catalytic partial oxidation thereon, characterized in that said partial oxidation is carried out in

(a) the first catalyst zone which comprises a monolithic body having a plurality of gas flow passages extending therethrough and having a catalytically effective amount of palladium and platinum optionally rhodium dispersed therein, the hydrocarbonaceous feed, H₂O and oxygen introduced into said first catalyst zone in said stream, having an H₂O to C ratio of at least 0.5, and an O₂ to C ratio of at least 0.2 but less than the stoichiometric amount of oxygen necessary to oxidize all the carbon of said feed to CO₂; and

(b) contacting the said preheated inlet stream within said first catalyst zone with said catalytic palladium and platinum optionally rhodium on said monolithic body to initiate and sustain therein catalytic oxidation of at least a sufficient quantity of said hydrocarbon feed to attain an elevated temperature within said first catalyst zone to crack unoxidized C₆ or heavier hydrocarbons, if any be present, to light hydrocarbons not heavier than C₄ hydrocarbons, the temperature of at least a portion of said monolithic body being at least 121°C higher than the ignition temperature of said inlet stream, thereby to produce a first catalyst zone effluent comprising, predominantly, hydrogen, carbon oxides and said light hydrocarbons; and

(c) withdrawing the first catalyst zone effluent as a hydrogen-rich gas, followed by passing first catalyst zone effluent, while it is at an elevated temperature, from said first catalyst zone to a second catalyst zone containing a platinum group metal steam reforming catalyst therein and contacting in said second catalyst zone with said steam reforming catalyst to react the hydrocarbons in said first catalyst zone effluent with H₂O to produce hydrogen and carbon oxides therefrom, and the effluent of said second catalyst zone is withdrawn as a hydrogen-rich gas.

Compl. specn. 55 pages.

Drg. 1 sheet

CLASS : 136-E

161252

Int. Cl. : B 29 c 5/00 & B 29 f 3/00.

METHOD AND DEVICE FOR FORMATION OF A PREFORM OF THERMOPLASTIC MATERIAL.

Applicant : PLM AB, OF DIAKNEGATAN 16, S-201 80 MALMO, SWEDEN.

Inventors : 1. KJELL MOSVOLL JAKOBSEN, 2. TORSTEN NILSSON.

Application No. 1375/Cal/83 dated November 9, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claims

Method for formation of a preform (13, 33, 63) by forming and crystallisation of material in the wall of a blank of thermoplastic material, whereby crystallisation takes place by means of a reduction of the thickness of the material corresponding to the reduction that the material obtains in free stretching until flow, characterised in that the wall of the blank is formed with a first material region (102, 302, 602), a second material region (103, 303, 603) and a transitional region (104, 304, 604), located therebetween in which the two material regions are laterally displaced relative to one another, that by means of relative motion between a first part (20, 40, 50) and a second part (21, 41 and 51 respectively) of a mechanical moulding device (29, 49, 59) and during simultaneous inclusion of material in the transitional region, the thickness of material in a ribbon-shaped region (105, 305, 605) in the transitional region is reduced to a residual thickness corresponding to the thickness that the material obtains in free stretching until flow, whereby the material in the ribbon-shaped region crystallises and transitional zones (105, 107; 306, 307; 606, 607) are formed to non-crystallised material and that at least one of the transitional zones (106, 306, 606 and 107, 307, 607 respectively) by means of the mechanical moulding device and during the abutment of the moulding device against material in the limitation surfaces of the transitional zone is moved in the blank during crystallisation of material therein by means of reduction by the moulding device of the wall thickness of non-crystallised material to a thickness corresponding to that the material would obtain in free stretch until flow.

Compl. specn. 39 pages.

Drg. 11 sheets

CLASS : 127-I

161253

Int. Cl. : F 16 d 1/00.

A DRIVE LINE SLIP JOINT COMPONENT, A METHOD OF MAKING SUCH COMPONENT AND A DRIVE LINE SLIP JOINT ASSEMBLY HAVING AT LEAST ONE SUCH COMPONENT.

Applicant : DANA CORPORATION, OF 4500 DORR STREET, TOLEDO, OHIO, U.S.A.

Inventors : 1. JOHN ALFRED BECKMAN, 2. DAVID EDWIN SILLS.

Application No. 1529/Cal/83 dated December 15, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

A drive line slip joint component having a plurality of axially extending splines, each spline having an axially extending face, each face having a circumferentially extending width, at least one of said faces comprising one resilient axially extending protuberance, said protuberance having a width less than said width of said one face.

Compl. specn. 11 pages,

Drg. 1 sheet

CLASS : 107-C

161254

Int. Cl. : F 02 f 1/00.

A TWO-STROKE INTERNAL-COMBUSTION ENGINE.

Applicant : NIPPON CLEAN ENGINE RESEARCH INSTITUTE CO., LTD., OF 205-3, KITAYASUEMACHI, KANAZAWA-SHI, ISHIKAWA-KEN, JAPAN.

Inventors : 1. SIGERU ONISHI, 2. SOUK HONG JO, 3. PAN DO JO, 4. SATOSHI KATO.

Application No. 34/Cal/84 dated January 16, 1984.

Convention dated 26th July, 1983 (83 20050) U. K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

57 Claims

A two-stroke internal-combustion engine comprising :

a cylinder block having a cylinder therein;

a piston reciprocally movable in said cylinder, said cylinder having an inner wall which has a scavenge port and an exhaust port formed therein and being alternately covered and uncovered by said piston;

a crankcase having therein an interior chamber, the pressure in said interior chamber being alternately increased and decreased due to the reciprocal motion of said piston;

an intake passage having an air inlet and being connected to the interior chamber of said crankcase;

a transfer passage interconnecting the interior chamber of said crankcase and said scavenge port, outside air being fed into said cylinder via an air passage defined by said intake passage, the interior chamber of said crankcase, and said transfer passage;

fuel supply means arranged in said air passage for feeding fuel into said air passage so as to create an air-fuel mixture therein; and

fuel-separating means arranged in said air passage for separating fuel from said air-fuel mixture so as to create a richer air-fuel mixture and a leaner air-fuel mixture, said scavenge port having such a construction that said rich air-fuel mixture flows into said cylinder towards the inner wall of said cylinder located opposite said scavenge port.

Compl. specn. 66 pages.

Drg. 37 sheets

CLASS : 70-B

161255

Int. Cl. : C 22 d 1/06 & 1/08.

BAFFLE MEANS FOR AN ANODE ASSEMBLY USED IN AN ELECTROLYSIS PROCESS.

Applicant : ORONZIO DE NORA IMPIANTI ELET-TROCHIMICI S.p.A., AT VIA VISTOLFI 35-20134 MILAN, ITALY.

Inventor : ALBERTO PELLEGRINI.

Application No. 85/Cal/84 dated February 4, 1984.

Complete specification left on 13th May, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

A baffle means for an anode assembly used in an electrolysis process, said anode assembly comprising :

an anode structure having equally spaced bars secured and current distributor bars secured thereto and current distributor bars secured to said cross bars;

said baffle means comprising two complementary strip members each provided on opposite sides of a cross bar and in a reflecting relationship to each other;

each strip having a wall surface inclined inwardly at least along a part thereof and means with each of said strips is removably secured to the cross bar.

Provl. specn. 5 pages.

Drg. Nil

Compl. specn. 8 pages.

Drg. 1 sheet

CLASS : 33-A

161256

Int. Cl. : B 22 d 17/30 & 17/32.

AUTOMATIC LADING APPARATUS.

Applicant : RIMROCK CORPORATION, OF 1700 RIMROCK ROAD, COLUMBUS, UNITED STATES OF AMERICA.

Inventors : 1. CHARLES A. BURTON. 2. PETER BANOVIC.

Application No. 362/Cal/84 dated May 26, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims

Apparatus for transporting a charge of molten metal from a furnace to a casting means and for pouring said charge into a receiver for said casting means, comprising :

a ladle dipper (L);

a crankshaft (48) journaled in a support assembly (10);

drive means (30) for turning said crankshaft (48) in forward and reverse directions;

a main link (60) connected at one end to said support assembly for pivotal movement about a main axis parallel to the axis of said crankshaft;

a carrier link (62) pivotally connected at its inner end to the other end of said main link and adapted to support said ladle dipper (L) at its outer end for pivotal movement relative thereto about a tilt axis parallel to said main axis;

said main link (60) and said carrier link (62) being operable to transport said ladle dipper (L) in forward and reverse directions through a controlled path of travel between a fill position wherein said ladle dipper is lowered into a furnace reservoir to receive a charge of molten metal and wherein said carrier link (62) is generally vertical, and a pour position wherein said ladle dipper is over said receiver for said casting means and wherein said carrier link (62) is generally horizontal;

means (50) operatively associated with said crankshaft for operating said main link (60) and said carrier link (62) to transport said ladle dipper (L) through said controlled path of travel; and

means (100) for controlling the tilt of said ladle dipper relative to said tilt axis.

Compl. specn. 40 pages.

Drg. 11 sheets

CLASS : 40-B

161257

Int. Cl. : B 01 j 11/00.

PROCESS FOR PRODUCING BLOCK OF GRANULAR IRON-OXIDE PROMOTED CATALYST FOR THE SYNTHESIS OF AMMONIA.

Applicant & Inventors :

1. VIKTOR IUR'EVICH ZOZULYA of Ulitsa Krasnoyarskaya, 6, korpus 9, KV. 1377, Moscow, USSR.

2. IGOR IOSIFOVICH PODOLSKY of Komsomolsky prospekt, 25, kv. 63, Moscow, USSR.

3. LEON DMITRIEVICH KUZNETSOV of prospekt, Vernadskogo, 38a, kv. 37, Moscow, USSR.

4. ARKADY MEFODIEVICH ALEXEEV, of ulitsa Peromaiskaya, 74, kv. 60, Moscow, USSR.

5. VLADIMIR MOISEEVICH KUXO, of Moskovskaya oblast, Vidnoe, ulitsa Sovetskaya, 32, kv. 174, USSR.

6. VALERY IVANOVICH PROKHOROV, of Stavropolsky krai, Nevinnomyssk, bulvar Mira, II, kv. 29, USSR.

7. NIKOLAI FEDOROVICH YARKOVOL, of Stavropolsky krai, Nevinnomyssk, bulvar Mira, 7, kv. 32, USSR.

8. LEONID SEMENOVICH BULOSKNIKOV of Stavropolsky krai, Nevinnomyssk, ulitsa Gagarina, 22, kv. 32, USSR.

9. BORIS NIKOLAEVICH MOLOTILIN of Stavropolsky krai, Nevinnomyssk, ulvar Mira, 34-a, kv. 53, USSR.

10. NIKOLAI NIKOLAEVICH BORKUT of Stavropolsky krai, Nevinnomyssk, bulvar Mira, 18, kv. 110, USSR.

11. IVAN ALFXEEVICH ZARUBIN, Stavropolsky krai, Nevinnomyssk, ulitsa Partizanskaya, 7a, kv. 7, USSR.

Application No. 627/Cal/84 dated September 11, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

A process for producing a block of a granular ironoxide promoted catalyst with low hygroscopicity, a small hydraulic resistance, a high compression strength, as well as a catalytic activity equal to that of the starting granular catalyst employed for the production of the block for the synthesis of ammonia, comprising mixing a granular iron-oxide promoted catalyst with an aqueous suspension of an alkali-earth aluminate at a mass ratio of the alkali-earth aluminate to water of from 1:1 to 1:9 respectively, shaping the resulting catalytical mass with insertion of reinforcing members thereto, said components being used in the following proportions, per cent by mass :

Granular iron-oxide promoted catalyst	84.0-94.5
aqueous suspension of an alkali-earth metal aluminate (as calculated for dry solids)	5.0-15.0
reinforcing members	0.5-1.0

the shaped catalytical mass is subjected to a heat-treatment at a temperature within the range of from 200 to 600°C. whereafter the catalytical mass is hydrothermally treated at a temperature of from 150 to 300°C and dried at a temperature within the range of from 150 to 200°C.

Compl. specn. 18 pages.

Drg. Nil

Class : 72-D

161258

Int. Cl. : B 21 d 26/06.

APPARATUS FOR EXPLOSIVE FORMING OF MATERIALS.

Applicant : SPETSIALNOE KONSTRUKTORSKOE BIURO GIDROIMPULSNOI TEKHNIKI SIBIRSKOGO OTDELENIA AKADEMII NAUK SSSR, OF NOVOSIBIRSK, ULITSA TERESHKOVOI, 29, USSR.

Inventors : 1. JURY GRIGORIEVICH KUZNETSOV, 2. NINA MIRONOVNA KHARCHENKO, 3. ANDREI ANDREEVICH DERIBAS.

Application No. 639/Cal/84 dated September 14, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

An apparatus for explosive forming of materials incorporating an explosion chamber (1) split into a movable section (4) and a static section (2) with a lock (5) therebetween and containing a work table (11), characterized in that the lock (5) comprises annular projections (6, 7), within the diametrically opposite half of the circumference of the end face of the movable section (4), of the explosion chamber (1) and the other projection (7) extending within the diametrically opposite half of the circumference of the end face of the static section (2) of the explosion chamber (1), and annular clamps (8, 9) which extend in conformity with the projections (6, 7), respectively, along the other halves of the circumference of the end faces of the static section (2) and the movable section (4) of the explosion chamber (1), embracing said projections (6, 7).

Compl. specn. 17 pages.

Drg. 4 sheets

CLASS : 130-G

161259

Int. Cl. : C 22 b 53/00.

IMPROVEMENTS IN A METHOD AND AN APPARATUS FOR PRODUCING TITANIUM METAL FROM TITANIUM TETRACHLORIDE.

Applicant & Inventors : HIROSHI ISHIZUKA, OF 19-2, EBARA 6-CHOME, SHINAGAWA-KU, TOKYO, JAPAN.

Application No. 810/Cal/85 dated November 15, 1985.

Division of Application No. 329/Cal 82 dated 24th March, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

An improved method for producing titanium metal from titanium tetrachloride which comprises, holding magnesium as fused in a space, which is provided within an elongated vessel and is heatable with a furnace surrounding the vessel, introducing the tetrachloride onto the magnesium to cause a reaction therebetween to form a titanium metal

and a magnesium chloride containing such reaction until substantial titanium metal is deposited on a supporting member in the vessel, and recovering the said titanium metal and magnesium chloride, characterized in that

(i) the magnesium is initially loaded to a quantity to exhibit when fused a level substantially above from the said supporting member, then the supply of the tetrachloride is started, thus allowing thus formed particles of titanium metal to move down in the liquid over a substantial distance until they are supported by the member, and the fused magnesium level is maintained within a limited range of the initial height by discharging the magnesium chloride continuously or intermittently as fused so as to compensate the level rise to an extent large enough to make a room thereover effective for further reaction;

(ii) an air-tightly sealed and pressure regulatable interspace (67) is provided between said vessel (50) and said furnace (54), and the interspace is kept at a pressure, with an inert gas, close to that inside the vessel while heated and

(iii) maintain equal to or within $\pm 0.2 \text{ kg./cm}^2$ (19.6 KPa) of that inside the vessel space.

Compl. specn. 24 pages.

Drgs. 2 sheets

CLASS : 84-B

161260

Int. Cl. : C 10 I 1/10 & C 10 I 10/04.

A CORROSION INHIBITING FUEL COMPOSITION FOR USE IN AN INTERNAL COMBUSTION ENGINE. U.S.A.

Applicant : THE LUBRIZOL CORPORATION OF 29400 LAKELAND BOULEVARD, WICKLIFFE, OHIO 44092.

Inventors : THOMAS ROBERT HOPKINS.

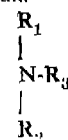
Application No. 819/Cal/85 dated November 18th, 1985.

Division of Application No. 79/Cal/83 dated January 20, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims

A corrosion inhibiting fuel composition for use in an internal combustion engine comprising (A) alcohol fuel with or without normally liquid hydro-carbon fuel and minor quantities of (B) corrosion inhibiting agent characterized in that said fuel (A) contains from 2.0 to 100 percent by volume of at least one alcohol containing from 1 to 5 carbon atoms and from 98.0 to 0 percent by volume of a normally liquid hydrocarbonaceous petroleum distillate fuel and said corrosion inhibiting agent (B) is a reaction product of (i) at least one succinic acylating agent selected from the group, consisting of unsubstituted and aliphatic hydrocarbon substituted succinic acylating agents and (ii) at least one amine of the formula



wherein R_1 is a hydrocarbon based radical and R_1 and R_2 are independently hydrogen or hydrocarbon based radicals with the proviso that when R_2 and R_3 are both hydrogen, R_1 is a hydrocarbon based radical selected from the group consisting of tertiary alkyl, cycloalkyl, aryl, alkaryl and aralkyl radicals.

Compl. specn. 18 pages.

Drg. Nil

CLASS : 146 D₁ & 168 C & E

161261

Int. Cl. : G 01 j 3/12.

"SPREAD SPECTRUM SYSTEM".

Applicant : DECCA LIMITED, A BRITISH COMPANY, OF WESTERN ROAD, BRACKNEIL, BERKSHIRE, RG 12 1RG, ENGLAND.

Inventors : PIERRE DIEDERICH & PETER ASH MATTHEW.

Application for Patent No. 490/Del/84 filed on 14th June, 1984.

Convention date 8th July, 1983/8318556/(U.K.).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

4 Claims

A spread spectrum system comprising :

a generator of a pseudo-random binary sequence;

two frequency selective means connected to said generator for producing respective ones of two sub-carrier signals symmetrically disposed about a carrier frequency;

adder means having inputs coupled to the outputs of the frequency selective means; and

encoding means for subjecting both said sub-carrier signals to phase reversals in accordance with said sequence, the encoding means being coupled to the said generator and to the output of the adder.

Compl. specn. 12 pages.

Drgs. 3 sheets

CLASS : 61 B & 31 A

161262

Int. Cl. : H01g 13/00 & F26b 3/04, 3/28, 5/04, 9/06.

"APPARATUS FOR DRYING CAPACITORS".

Applicant : OTDELENIE VSESOUZNOGO NAUCHNO ISSLEDOVATEL'SKOGO INSTITUTA ELEKTROTERMI-CHESKOGO OBORUDOVANIA V GORODE KHARKOV, OF PERFUMOK INZHENERNY I.A. KHARKOV, U.S.S.R. AND INSTITUT TEPLA I MASSOORMENA IMENI A.V. LYKOVA AKADEMII NAUK BELORUSSKOI SSR, OF ULITSA PODLESNAYA, 15, MINSK, U.S.S.R. BOTH REGISTERED USSR ORGANISATION.

Inventors : NIKOLAI ALEXEEVICH PRUDNIKOV, PAVEL STEPANOVICH KUTS, NIKOLAI ALEXEEVICH GUIDKO, VLADIMIR MIKHAILOVICH BOGDANOV, ALEXANDR GRIGORIEVICH VOSKHODOV & VIKTOR YAKOVIEVICH SAVCHENKO.

Application for Patent No. 495/Del/84 filed on 18th June, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

3 Claims

An apparatus for drying capacitors comprising a vacuum chamber containing therein a hermetic box (4) which is partly filled with a heat-transfer agent known per se, said box being provided with receptacles to accommodate capacitors and at least one accumulating trough being attached to the top of an inside wall of said box, at least one hermetic compartment being located in the bottom part of the hermetic box which compartment is connected with the accumulating trough through at least one tube the lower end of said tube entering the hermetic compartment and said tube being u-shaped, the inside of the hermetic box and the hermetic compartments being interconnected by an opening provided in the bottom part of a wall of the hermetic compartment.

Compl. specn. 8 pages.

Drg. 1 sheet

CLASS : 32 F 3a & 40 Aa

161263

Int. Cl. : C07d—1/14.

PROCESS FOR CATALYTIC OXIDATION OF ETHYLENE TO ETHYLENE OXIDE AND TUBULAR FIXED BED REACTOR FOR CARRYING OUT THE PROCESS.

Applicant : THE HALCON SD GROUP INC. A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE HAVING ITS OFFICE AND PRINCIPAL PLACE OF BUSINESS AT 2 PARK AVENUE, NEW YORK, NEW YORK 10016, UNITED STATES OF AMERICA.

Inventor : BRIAN JOHN OZERO & STANLEY DAVID BECKER.

Application for Patent No. 498/Del/1984 filed on 19th June, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

10 Claims

A process for the catalytic oxidation of ethylene with molecular oxygen to ethylene oxide comprising :

passing a gas stream containing ethylene and oxygen over a silver catalyst supported in multiple tubes of a tubular fixed bed reactor;

removing the exothermic heat of reaction by heat exchange with a fluid coolant surrounding said tubes;

cooling the effluent gases in a contiguous effluent gas cooling zone contained in said tubes packed with inert particles downstream of said catalyst and further passing the effluent gases in said tubes through a contiguous coolant distribution zone wherein the effluent gases are in low turbulence flow and the heat transfer coefficient is maintained inside the tubes at no more than about 200 kcal/hr-m²-°C.

Compl. specn. 18 pages.

Drg. 2 sheets

CLASS : 182A

161264

Int. Cl. : C13k—9/00.

A PROCESS FOR THE PREPARATION OF HIGH FRUCTOSE SYRUP FROM GLUCOSE.

Applicant : THE PRESIDENT, FOREST RESEARCH INSTITUTE COLLEGES, CHEMISTRY OF FOREST PRODUCTS BRANCH, P.O. NEW FOREST, DEHRA DUN-248 006, INDIA, AN INDIAN NATIONAL, UTTAR PRADESH.

Inventor : PURUSHOTTAM LAL SONI.

Application for Patent No. 564/Del/84 filed on 10th July, 84.

Complete specification left on 8th July, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

5 Claims

A process for the preparation of high fructose syrup as herein defined which comprises in subjecting glucose to alkaline isomerization by treatment with an anion exchange resin such as herein described at an alkaline pH maintained by the addition of an alkaline catalyst.

Compl. specn. 9 pages.

CLASS : 85 C & K

161265

Int. Cl. : F23b 1/36, 1/38 & F23k 3/02.

APPARATUS FOR BLOWING COAL DUST INTO AN INDUSTRIAL FURNACE.

Applicant : PAUL WURTH S.A., A COMPANY ORGANISED UNDER THE LAWS OF LUXEMBOURG, OF 32 RUE D' ALSACE, LUXEMBOURG.

Inventor : HANS GUENTHER RACHNER.

Application for Patent No. 581/Del/84 filed on 18th July, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

4 Claims

Apparatus for blowing coal dust to be burnt into an industrial furnace having several burning points, especially a shaft furnace such as, for example, a blast furnace or a cupola furnace, said apparatus comprising a plurality of conveyor lines for conveying and blowing the coal dust/air mixture into said furnace, one end of each said conveyor lines being connected to a burning point, the other end which is remote from the burning point being connected to a pressure vessel containing coal dust which is under a predetermined pressure and which is fluidised by air, characterised by each of said conveyor lines (1) having at their outflow end located at a burning point (2) a nozzle (3) which operates at a supercritical outflow speed and the diameter of which corresponds to a predetermined blowing-quantity, with a predetermined pressure prevailing in the

conveyor line (1), the other end of each of said conveyor lines also being connected to a controllable secondary air source, said pressure vessel having a plurality of chambers therein for effecting a volumetric indication of the quantity of coal dust fed to the burning point.

Compl. specn. 14 pages.

Drg. 1 sheet

CLASS : 13A

161266

Int. Cl. : B65b 9/00

FLEXIBLE CONTAINER FOR FILLING, TRANSPORT AND STORAGE OF BULK MATERIALS.

Applicant : NORSK HYDRO A.S., OF BYGDY ALLE 2, 0257 OSLO 2, NORWAY, A NORWEGIAN COMPANY.

Inventors : EIRIK MYKLEBUST, ANDERS JUEL & ODD FREDRIK RASMUSSEN.

Application for Patent No. 665/Del/84 filed on 17th August, 84.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

6 Claims

Flexible container for filling transport and storage of bulk material comprising :

a side wall;

bottom and at least one preferably integrated lifting loop;

said container being made up of at least one piece of base material;

said container's bottom consisting of at least four pairs of equally large flaps which are direct extension of the said container's side walls;

characterised by said piece of base material having cut lines (a, b), (c, d), (a' b') and (c' d') to form said bottom flaps;

said flaps having top angles α and β between the respective cut lines (a, b), (c, d), (a' b') and (c' d') which turn in against the centre of the container's bottom;

the sum of the top angles α and β of the flaps being between 240° to 360° and said flaps being seamed together to form said container's bottom.

Compl. specn. 16 pages.

Drg. 2 sheets

CLASS : 39C & 85J

161267

Int. Cl. : C07c 85/00 & 127/00.

AN AMMONIA OR AMMONIA/UREA MANUFACTURING PLANT

Applicant : FOSTER WHEELER ENERGY LIMITED, A BRITISH COMPANY OF FOSTER WHEELER HOUSE, STATION ROAD, READING, BERKSHIRE, GREAT BRITAIN.

Inventor : SULTANALI HASANALI JAVERI.

Application for Patent No. 672/Del/84 filed on 23rd August, 1984.

Convention date 19th September, 1983/8325034/(U.K.).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

4 Claims

An ammonia or ammonia/urea manufacturing plant of the type in which reactants such as herein described are passed from a pre-heater through a reactor tube positioned so as to be heated within a primary reformer furnace, said plant further comprising a first prime mover in the form of a gas turbine coupled to a first alternator connected to the plant to provide the base load requirements thereof, at least one auxiliary prime mover powered by combustion apparatus and coupled to at least a second alternator connected to the plant to provide the fluctuating load requirements thereof, said gas turbine exhaust being connected to the reformer furnace to provide all the furnace combustion air and being optionally connected to the combustion apparatus for powering the auxiliary prime mover, said furnace and said combustion apparatus having a common flue into which said combustion apparatus exhausts downstream of the reformer furnace, and wherein said reactants pre-heater is situated within said flue upstream of said combustion apparatus exhaust.

Compl. specn. 11 pages.

Drg. 1 sheet

CLASS : 206 E & H₇

161268

Int. Cl. : H01j 27/00

A NEGATIVE ION GENERATOR.

Applicant : MODERN BALANCE WORKS, A REGISTERED PARTNERSHIP FIRM WHOSE PARTNERS ARE UMA SHANKER CHAURASIA AND BHANU SHANKER CHAURASIA OF D-54/19, AURANGABAD, VARANASI-221 001, (U.P.) INDIA, AN INDIAN COMPANY.

Inventor : BHANU SHANKER CHAURASIA.

Application for Patent No. 693/Del/1984 filed on 3rd September, 84.

Complete specification left on 8th November, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

2 Claims

A negative ion generator comprising :

a housing;

an emitter plate having a single or a plurality of emitter needles for providing a stream of ions;

said emitter or emitter needles connected to a high voltage source;

characterized in that a zero potential source is disposed in the proximity but in a spaced relationship to said emitter needles for providing a high emission of ions.

Compl. specn. 6 pages.

Drg. 1 sheet

CLASS : 27M

161269

Int. Cl. : F04g 7/00, 1/02, 5/04.

RELEASABLE BUILDERS SCAFFOLDING.

Applicant : GKN KWIKFORM LIMITED, A BRITISH COMPANY, OF WINCHESTER HOUSE, 53/55 UXBRIDGE ROAD, EALING, LONDON W5 5SE, ENGLAND.

Inventor : DENNIS WILLIAM LOVERING

Application for Patent No. 708/Del/84 filed on 10th September, 84.

Convention date October 8, 1983/832699/(U.K.).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

2 Claims

A releasable builders scaffolding comprising :
 an upright member, a brace member;
 a cross member and connecting means for detachably
 securing the upright member and cross member to-
 gether;
 the connecting means comprising a socket mounted on
 the exterior of the upright member and being open
 at each of its ends which are spaced apart along
 the length of the upright member, and a connector
 at one end of the cross member including two limbs
 which are spaced apart vertically to permit the socket
 to be received therebetween;
 each limb having a respective abutment face to abut
 the upright member;
 each limb further being provided with a respective
 opening which receives a wedge clamping member
 forming part of the connecting means;
 characterised in that the brace member is provided at
 one end thereof with a spigot extending perpendi-
 cularly and transversely therefrom;
 said spigot having a recess extending circumferentially
 thereof wherein an edge of the wedge clamping
 member is engageable to retain said spigot between
 the connector and an adjacent portion of the socket.

Compl. specn. 9 pages.

Drg. 2 sheets

CLASS : 20 B

161270

Int. Cl. : B 42b—5/00.

A CLIP FIXING FOR RETAINING THIN PLASTICS
FILM.

Applicant : SERAC LIMITED, A BRITISH COMPANY,
 OF NYTON ROAD, ALDINGBOURNE, CHICHESTER,
 WEST SUSSEX PO20 6TU, ENGLAND.

Inventors : DAVID PETER WALKER.

Application for Patent No. 755/Del/84 filed on 26th Sept.
 1984.

Appropriate office for opposition proceedings (Rule 4,
 Patents Rules, 1972) Patent Office Branch, New Delhi-5.

10 Claims

A clip fixing for retaining thin plastics film in tension
 comprising cooperating surfaces of the fixing formed
 between the opposing flanks of a pair of elongate channel
 members removably assembled together and adapted to retain
 the film therebetween, and shielding means providing pro-
 tection from direct radiation to the or each surface portion
 of the fixing over which the film passes and is exposed to
 said radiation.

Compl. specn. 11 pages.

Drg. 3 sheets

OPPOSITION PROCEEDING

An opposition has been entered by The Dharamsi Morarji
 Chemical Co. Ltd. to the grant of a Patent on application
 No. 159292 made by Monsanto Company.

PATENTS SEALED

147284	150299	151580	151600	151743	151787	151789
152448	152514	152647	154124	154466	157427	157971
158085	158116	158117	158118	158119	158120	158132
158153	158247	159088				

NO PATENTS

144871	153087	153449	153453	153497	153572	154417
154425	154463	154502	154529	154641	154644	154649
154682	154690	154696	154704	154747	154779	154814
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155362	155386	155409	155426	155431		

RENEWAL FEES PAID

141958	143015	143191	143374	144193	144230	144575
144695	144863	144910	145049	145256	145540	145951
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CESSATION OF PATENTS

140650	140651	140655	140658	140660	140664	140666
140668	140670	140672	140675	140679	140681	140683
140685	140686	140692	140695	140696	140700	140702
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140780	140781	140783	140786	140789	140791	140792
140795	140796	140798	140800	140804	140807	140809

RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application was made
 under Section 60 of the Patents Act, 1970 for the restora-
 tion of Patent No. 151391 granted to Niku Purnanandra
 for an invention relating to "an improved type of refining
 process for ferrous and non-ferrous metals and alloys."

The patent ceased on the 28-1-86 due to non-payment of
 renewal fees within the prescribed time and the cessation
 of the patent was notified in the Gazette of India, Part-III,
 Section 2, dated the 15-8-87.

Any interested person may give notice of opposition
 to the restoration by leaving a notice on Form 32 in dupli-
 cate with the Controller of Patents, The Patent Office, 214,
 Acharya Jagadish Bose Road, Calcutta-700017 on or before
 the 31st December 1987 under Rule 69 of the Patents
 Rules, 1972. A written statement in triplicate setting out
 the nature of the Opponent's interest, the facts upon which
 he bases his case and the relief he seeks, shall be filed
 with the notice or within one month from the date of
 the notice.

(2)

Notice is hereby given that an application was made
 under Section 60 of the Patents Act, 1970 for the restora-
 tion of Patent No. 153677 granted to Brahma Kumar
 Dwarka Prasad Chaurasia for an invention relating to "an
 improved amphibious bicycle."

The patent ceased on the 2-7-86 due to non-payment of
 renewal fees within the prescribed time and the cessation
 of the patent was notified in the Gazette of India, Part-III,
 Section 2, dated the 15-8-87.

Any interested person may give notice of opposition
 to the restoration by leaving a notice on Form 32 in dupli-
 cate with the Controller of Patents, The Patent Office, 214,
 Acharya Jagadish Bose Road, Calcutta-700017 on or before
 the 31st December 1987 under Rule 69 of the Patents
 Rules, 1972. A written statement in triplicate setting out
 the nature of the Opponent's interest, the facts upon which
 he bases his case and the relief he seeks, shall be filed
 with the notice or within one month from the date of
 the notice.

(3)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 154260 granted to Craelius AB for an invention relating to "device for disengaging a grappling means from a core barrel."

The patent ceased on the 17-10-86 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part-III, Section 2, dated the 15-8-87.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017 on or before the 31st December 1987 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(4)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 155221 granted to Vellore Duraiswamy Venugopal for an invention relating to "a device for extracting oil from oil containing substances."

The patent ceased on the 16-11-86 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part-III, Section 2, dated the 15-8-87.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017 on or before the 31st December 1987 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(5)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 156176 granted to Hindustan Brown Boveri Ltd., for an invention relating to "solar collector housing building members, method of building solar collector housing with the building members and solar collector housing built with the building members."

The patent ceased on the 18-2-87 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part-III, Section 2, dated 15-8-87.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017 on or before the 31st December 1987 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(6)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 156188 granted to Burrough Corporation for an invention relating to "dual language terminal dot matrix printer system."

The patent ceased on the 14-4-87 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part-III, Section 2, dated the 15-8-87.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017 on or before the 31st December 1987 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(7)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 156883 granted to Dannison Manufacturing Co., for an invention relating to "electrostatic printing apparatus."

The patent ceased on the 23-4-87 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part-III, Section 2, dated the 15-8-87.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017 on or before the 31st December 1987 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

- Class 3. No. 158139. Shantilal & Brothers (Mfg. Dept), Indian Partnership Firm of 114-B, Kandivli Industrial Estate, Kandivli (West), Bombay-400067, Maharashtra, India. "Battery Tester". March 18, 1987.
- Class 3. No. 158231. Universal Luggage Manufacturing Company Limited, Indian Company, Building-B, Shah Industrial Estate, Saki Vihar Road, Bombay-400072, Maharashtra, India. "Briefcase with chain". April 15, 1987.
- Class 3. No. 158232. Universal Luggage Manufacturing Company Limited, Indian Company, Building-B, Shah Industrial Estate, Saki Vihar Road, Bombay-400072, Maharashtra, India. "Suitcase with chain". April 15, 1987.
- Class 3. Nos. 158301 & 158302. Unique Enterprise of 82/1, Bhupen Roy Road, Behala, Calcutta-700034, W.B., India, Indian Proprietary Firm. "Calling Bell". May 5, 1987.
- Class 12. Nos. 158774 to 158780. Manch Food Products (P) Ltd., D-992, New Friends Colony, New Delhi-110065, India, Indian Company. "Chocolate". September 9, 1987.

Name Indexes of Applicants for Patent for the month of December, 1986 (Nos. 866|Cal|86 to 960|Cal|86, 923|Mas|86 to 1025|Mas|86, 325|Bom|86 to 365|Bom|86 and 1045|Del|86 to 1156|Del|86.

Name	Appln. No.
A	
A. Ahlstrom Corporation.—1022/Mas/86.	
AARDELITE HOLDING B.V.—953/Mas/86.	
Aclo Pty. Ltd.—938/Cal/86.	
Advanced Materials & Design Corporation.—895/Cal/86.	
Air Products and Chemicals Inc.—951/Mas/86.	
Airsensors. Inc.—940/Mas/86, 999 Mas 86.	
Alcan International Limited.—1072 Del 86.	
Alegre, A. P.—959/Cal/86.	
Allied Corporation.—964/Mas/86, 992 Mas 86.	
Aluminium Pechinery.—973/Mas/87.	
AMBERGER KAOLINWERKE GMBH.—926/Cal/86.	
American Colloid Company.—1100/Del/86.	
Anil Chemicals Ltd.—341/Bom/86.	
Armstrong World Industries.—1082/Del/86.	
Associated Electronics Research Foundation.—1127/Del/86.	
Australian design marketing pty. Ltd.—1088/Del/86.	
B	
BASF LACKE+FARBEN AG.—924/Mas/86.	
EBC Brown Boveri and Company Limited.—971/Mas/86, 1009/Mas/86.	
B. F. Goodrich Company, (The).—1050/Del/86, 1151 Del 86.	
B. V. Optische Industries "De Oude De ft".—892/Mas/86, 893/Mas/86, 894 Mas 86.	
Babcock & Wilcox Company, (The).—1115/Del/86.	
Balcke-Durr Aktiengesellschaft.—358/Bom/86.	
Belgorodsky Tekhnologicheskoy Institut Stroitelnykh, Matenalogor, Immeni I. A. Grishmanova.—1153/Del/86, 1154/Del/86.	
Bharat Heavy Electricals Limited.—1089/Del/86, 1090/Del/86.	
Bharat Starch & Chemicals Limited.—1120/Del/86.	
Blad, P. P.—360/Bom/86.	
Bioqram AB.—914/Cal/86.	
British-American Tobacco Company Limited.—968/Mas/86.	
British Petroleum Company P.L.C. (The).—985/Mas/86.	
British Telecommunications Public Limited Co.—975/Mas/86.	
C	
Cabot Corporation.—993/Mas/86.	
Card-C-Matic Pty. Limited.—1064/Del/86.	
CATERPILLAR INC.—926/Mas/86, 945 Mas 86.	
Cement Research Institute of India.—1076/Del/86.	
Centre Siephanois De Recherches Mecaniques Hydro-Mecanique Et Frottement.—1107/Del/86.	
Centro Sperimentale Metallurgico S.p.A.—898/Cal/86.	
Charbonnages De France.—978/Mas/86.	
Colgate-Palmolive Company.—1150/Del/86, 1156 Del 86.	
Combustion Engineering, Inc.—931/Cal/86.	
Council of Scientific and Industrial Research.—1052/Del/86, 1053 Del 86, 1054 Del 86, 1055/Del/86, 1056 Del 86, 1057/Del/86, 1058 Del 86, 1069 Del 86, 1070 Del 86, 1084 Del 86, 1085 Del 86, 1086 Del 86, 1087 Del 86, 1092 Del 86, 1101 Del 86, 1102 Del 86, 1136 Del 86, 1137 Del 86, 1138 Del 86, 1139 Del 86, 1140 Del 86, 1141 Del 86, 1142 Del 86, 1145 Del 86, 1146 Del 86, 1147 Del 86, 1148 Del 86.	
Cummins Engine Company, Inc.—943/Mas/86.	
D	
Das, B.—943/Cal/86.	
Data Retrieval Corporation.—942/Cal/86.	
Desai, M. H.—338/Mas/86.	
Devarajan, O.N.—970/Mas/86.	
Dominique Dervieux.—956/Cal/86.	
Dentavdgye MGT SZ.—1019/Mas/86.	

Name	Appln. No.
Doraiswami, B. P.—930/Mas/86.	
Dorr Oliver Incorporated.—1124/Del/86.	
Dow Chemical Company, The.—984/Mas/86, 990 Mas 86, 991 Mas 86.	
Dr. Inc. H.C.F. Porache Aktiengesellschaft.—946/Mas/86, 947/Mas/86, 948 Mas 86.	
Drew Chemical Corporation.—947/Cal/86.	
Dudman, R.L.—904/Cal/86.	
Dynamit Nobel AG.—926/Cal/86.	
E	
F. I. Du Pont De Nemours and Company.—920/Cal/86.	
Eaton Corporation.—897/Cal/86.	
Eicher Goodearth Limited.—1083/Del/86.	
Electric Power Research Institute, Inc.—866/Cal/86.	
Electronics Commission.—1046/Del/86.	
Ellis (Colchester) Limited.—1068/Del/86.	
Engelhard Corporation.—873/Cal/86.	
En-Tout-Cas Plc.—125/Del/86.	
Erno Roumfahrtechnik GmbH.—1078/Del/86.	
Exxon chemical patents, Inc.—1074/Del/86, 1110 Del 86.	
F	
F. L. Smidth and Co.—941/Mas/86.	
FMC Corporation.—1013/Mas/86, 1144 Del 86.	
Fosco International Limited.—997/Mas/86.	
Frank Manchek, Jr.—1143/Del/86.	
Fried Krupp Gesellschaft Mit Beschränkter Haftung.—901/Cal/86.	
G	
GEA Energiesysteme technic GMBH and Co.—974/Mas/86.	
Gattani, B.M.—342/Bom/86.	
George, C.K.—942/Mas/86.	
Georg Fischer Aktiengesellschaft.—875/Cal/86, 936 Cal 86.	
Ghosh, A. N.—954/Cal/86.	
Ghose, T. K.—900/Cal/86.	
Giffo, H.—918/Cal/86.	
Gillette Company, The.—1080/Del/86.	
Gjota, R. (Dr.).—951/Cal/86.	
Goro, S.A.—1067/Del/86.	
Guigan, J.—1065/Del/86.	
Gumley, J.R.—989/Mas/86.	
Gupta, A.S.—887/Cal/86.	
Gupta, B.K.—1093/Del/86.	
Gupta, D.M.—1149/Del/86.	
H	
Haffkin Institute for Training, Research & Testing.—347/Bom/86, 348/Bom/86, 349 Bom 86, 350 Bom 86, 351 Bom 86, 352 Bom 86, 353 Bom 86, 354 Bom 86, 355 Bom 86, 356/Bom/86, 357 Bom 86.	
HALLITE HOLDINGS LIMITED.—955/Mas/86.	
Heden-Team Aktiengesellschaft.—986/Mas/86.	
Henkel Kommanditgesellschaft Auf Aktien.—1010/Mas/86.	
Hindustan Lever Ltd.—336/Mas/86, 363 Mas 86, 365 Mas 86.	
Hitachi Construction Machinery Co. Ltd.—948/Cal/86.	
Hoechst Aktiengesellschaft.—872/Cal/86, 890 Cal 86.	
Hoya, T.—934 Mas 86, 987/Mas/86.	

Name	Appln. No.	Name	Appln. No.
J		M	
ICI Americas INC.—907/Cal/86.		MacAdam, D. H.—1018/Mas/86.	
IEL Limited.—905/Cal/86, 917/Cal/86, 921/Cal/86.		MACLEOD, D.I.G.—956/Mas/86.	
Imperial Chemical Industries Plc.—1049/Del/86, 1063/Del/86.		Macneill & Magor Limited.—908/Cal/86.	
Inco Alloys International Inc.—981/Mas/86, 982/Mas/86.		Magneti Marelli S. P. A.—1007/Mas/86.	
Indian Jute Industries' Research Association.—881/Cal/86.		Mahajan, A. S.—882/Cal/86.	
Industriekontakt Ing. O. Ellingsen & Co.—867/Cal/86.		Mahashabde, U. J.—325/Bom/86.	
Inland Steel Company.—927/Mas/86, 928/Mas/86, 933/Mas/86, 935/Mas/86.		Mangesh Enterprises.—333/Bom/86.	
Institut Elektrosvariki Imeni E.O. Patona Akademii Nauk Ukrainskoi SSR.—879/Cal/86.		Marathe Engineering Industries.—361/Bom/86.	
Institut National Polytechnique De Toulouse (I.N.P.T.)—1131/Del/86.		Marley Cooling Tower Company, The.—961/Mas/86.	
Intelaka Enterprise.—330/Bom/86.			
International Business Machines Corporation.—937/Mas/86, 938/Mas/86.		McDermott International, Inc.—939/Cal/86, 941/Cal/86.	
Iwanicki A. T.—1060/Del/86, 1061/Del/86.		Mendonca, M. J.—327/Mas/86.	
K		Merek Patent Gesellschaft Mit Beschränkter Haftung.—932/Cal/86.	
JACOBS SUCHARD GMBH.—932/Mas/86.		MERLIN GERIN.—857/Mas/86, 1016/Mas/86.	
Jasmond Pty. Ltd.—1004/Mas/86.		Mica Trading Corporation of India Ltd. (The).—944/Cal/86.	
Jaya!, R. D.—1135/Del/86.			
Jos, I. M.—977/Mas/86.		Mistry, C. L.—1048/Del/86.	
Joseph, D. S. L.—965/Mas/86.		Mistry, H. M.—1048/Del/86.	
Joseph, M. J.—1017/Mas/86.		Mistry, S. T.—1048/Del/86.	
Joy Engineering Works Limited, The.—1116/Del/86.		Mitsui Toatsu Chemicals, Incorporated.—871/Cal/86, 896/Cal/86, 934/Cal/86.	
Jyoti Limited.—344/Bom/86, 362/Bom/86.		Mobil oil Corporation.—1024/Mas/86.	
L		Monsanto Company.—1000/Mas/86, 1001/Mas/86, 1002/Mas/86.	
KEKA, Tovarna Zdravil, n.s.o.—916/Cal/86.		Morton Thiokol Inc.—1104/Del/86.	
Kaeser, C.—334/Mas/86.		Morita, T.—998/Mas/86.	
Kansai Paint Co. Ltd.—960/Mas/86.		Mullick, A.—878/Cal/86.	
Kar, S. B.—888/Cal/86.		Munshi, S. S. D.—340/Bom/86.	
Karandilam, S. G.—364/Bom/86.		Muthu, T.—923/Mas/86.	
Kasei Optonix, Ltd.—911/Cal/86.			
Kavi A. B. "Parom"—946/Cal/86.		N	
Kavi A. B. "Sharom"—945/Cal/86.		Nagaoka Kannami Kabushiki Kaisha.—1003/Mas/86.	
Kimberly Clark Corporation.—972/Mas/86.		Nanjeshi, A. N.—364/Bom/86.	
Klinger AG.—877/Cal/86.		National Starch and Chemical Corporation.—1012/Mas/86.	
Kocharskar, P. K.—346/Bom/86.		Nippon Chemiphier Co. Ltd.—963/Mas/86.	
Kraftwerk Union Aktiengesellschaft.—869/Cal/86, 906/Cal/86.		Nippon Kayaku Kabushiki Kaisha.—919/Cal/86.	
Kurian, A. F.—929/Mas/86.		Novavis Intercontinental, Ltd.—876/Cal/86.	
M		O	
Lamepiast Di Giovannin Ferrari and C.S.N.C.—1021/Mas/86.		O & K Orenstein & Koppel Aktiengesellschaft.—1128/Cal/86.	
Larws, P.—1008/Mas/86.		Officine Maccaferri S.P.A.—927/Cal/86.	
LAVERDE, A. R.—1006/Mas/86.		Ono of 28700 Aunesu.—1023/Mas/86.	
LINDE AKTIENGESELLSCHAFT.—954/Mas/86.		Ovonic Synthetic Materials Company, Inc.—1134/Del/86.	
Ling, W.—900/Cal/86.		Owens-Illinois, Ins.—936/Mas/86, 1005/Mas/86, 1014/Mas/86.	
Loadarm Australia Pty. Limited.—1123/Del/86.			
Lodaya, J. J.—335/Mas/86.		P	
Lubrol Corporation, (The).—1111/Del/86, 1112/Del/86, 1130/Del/86.		PHB Weserhutte AG.—880/Cal/86.	
Lucas Industries Public Limited Company.—952/Mas/86.		PPG Industries, Inc.—1094/Del/86, 1121/Del/86, 1122/Del/86.	
Ludvig Svensson International B.V.—979/Mas/86.		Palnitkar, M. R. (Mrs).—995/Mas/85.	
		Palnitkar, R. P.—995/Mas/86.	
		Patel, C. G.—364/Bom/86.	
		Patel, M. B.—364/Bom/86.	
		PFISTER GMBH.—1020/Mas/86.	
		Pfizer Inc.—1077/Del/86.	
		Pillai, G. K.—994/Mas/86.	
		Plamac (India) Pvt. Ltd.—903/Cal/86.	
		Power Kinetics, Inc.—940/Cal/86.	
		Preformed Line Products Company.—931/Mas/86.	

Name	Appln. No.
P	
Principia Recherche Developement S.A.—1079/Del/86.	
Printers House Private Limited. The—1118/Del/86.	
Proizvodstvennoe Obiedinenie "Nevsky Zavod" Imeni V.I. Lenina—884/Cal/86.	
Projects and Development India Limited.—885/Cal/86, 886/Cal/86, 913/Cal/86, 922/Cal/86, 923/Cal/86.	
Project & Development India Ltd. The.—924/Cal/86.	
Puyat A. G.—959/Cal/86.	

R	
Rani. S.—359/Bom/86.	
Rao, C. H. K.—966/Mas/86, 967/Mas/86.	
Rao, E. G. K.—949/Mas/86.	
Rao, K.—966/Mas/86, 967/Mas/86.	
Reddy, P. L.—996/Mas/86.	
Reddy, P. N.—996/Mas/86.	
Rockwell Golde GMBH.—902/Cal/86.	
Rosenbluth, G.—1129/Del/86.	
Rostovsky Gosudarstvenny Universitet Imeni M.A. Sualova.—958/Cal/86.	
Routh, P. K.—955/Cal/86.	
Rowalia, M. K.—1155/Del/86.	
Rtomould (India) Vijay Industrial Estate Pct. Ltd.—332/Bom/86.	
Rudra, P. K.—929/Cal/86.	

S	
SMS SCHLOPFMANN-SIEMAGE AKTIENGESELLSCHAFT.—1015/Mas/86.	
STC PLC.—1075/Del/86, 1132/Del/86.	
Saini, G. C.—952/Del/86.	
Sajadian, S. K.—1113/Del/86.	
Sannabhatti, L.—337/Bom/86, 345/Bom/86.	
Sarang, S. S.—1119/Del/86.	
Scapa Porritt Limited.—1105/Del/86.	
Schellstede, H. J.—1071/Del/86.	
SCHUBERT AND SALZER MASCHINENFABRIK AKTIENGESELLSCHAFT.—959/Mas/86, 980/Mas/86.	
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B. V.—976/Mas/86.	
Shri Ram fibres Limited.—1045/Del/86, 1047/Del/86.	
Siemens Aktiengesellschaft.—874/Cal/86, 910/Cal/86, 915/Cal/86, 935/Cal/86, 949/Cal/86.	
Singh, J. B.—1059/Del/86.	
Sivasubramanian, R.—966/Mas/86.	
Snamprogetti S.P.A.—925/Mas/86.	
Societe Alsacienne De Material Textile.—1152/Del/86.	
Societe Chimique Des Charbonnages—1108/Del/86.	
Societed Etudes Scientifiques et Industrielle De l'Inde-France.—983/Mas/86.	
Solanki, A. M.—339/Bom/86, 342/Bom/86.	
Solvey & Cie.—1051/Del/86.	
Sanex Research Inc.—891/Cal/86.	
Sorg GMBH and Co. KG.—950/Mas/86.	
Speedbur, I. V.—958/Mas/86.	

Name	Appln. No.
S	
Stamcarbon B. V.—939/Mas/86, 962/Mas/86, 969/Mas/86.	
Standard Mills Co. Ltd. The—328/Mas/86, 329/Bom/86.	
Stauffer Chemical Company—944/Mas/86.	
Steel Authority of India Ltd.—1095/Del/86, 1098/Del/86, 1099/Del/86, 1103/Del/86.	
Stein Industrie.—1081/Del/86.	
Sudaryshan Chemical Industries Ltd.—326/Bom/86.	
Sulit, J. M.—960/Cal/86.	
Surgikos, Inc.—953/Cal/86.	
Svein-Erik Nielsen.—1011/Mas/86.	

T	
TBI—868/Cal/86.	
Tata energy Research Institute.—1091/Del/86.	
Ten Cate Over All Fabrics BV.—899/Cal/86.	
Topline Pharmaceuticals Limited.—331/Mas/86.	
Trutzschler GMBH & Co. KG.—925/Cal/86.	
Tyree Electrical Company PTY. Limited.—912/Cal/86.	

U	
UHDE GMBH.—889/Cal/86.	
UOP INC.—1096/Del/86, 1097/Del/86, 1126/Del/86.	
Unique Mobility, Inc.—1133/Del/86.	
Un'royal Chemical Company, Inc.—1062/Del/86.	
University of Southern california.—1025/Mas/86.	

V	
Varian Associates, Inc.—1073/Del/86.	
Veb Kombinat Polygraph "Werner Lamberz" Leipzig.—933/Cal/86, 950/Cal/86.	
Venkateswaran, S.—1113/Del/86, 1114/Del/86.	
Videocolor—1066/Del/86.	
Vickers, Incorporated.—870/Cal/86.	
Vijavakumar, J.—958/Mas/86.	
Vital force, INC.—928/Cal/86.	

W	
Walter and Fliza Hall Institute of Medical Research, The.—930/Cal/86.	
Warman International Limited.—957/Cal/86.	
Warner-Lambert Company.—1117/Del/86.	
White Consolidated Industries, Inc.—1106/Del/86.	
Williams, D. G.—937/Cal/86.	
Williams, G. I.—1109/Del/86.	

Z	
Zellweger Uster Ltd.—988/Mas/86.	
Zhdanovsky Metallurgicheskyy Institut.—883/Cal/86.	

R. A. ACHARYA
Controller-General of Patents, Designs
and Trade Marks

